MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

FEBRUARY, 1932

J. A. BROWN, DIRECTOR

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METEOROLOGICAL DEPARTMENT

FEBRUARY 1932
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm+...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	62.9	61.1	61.3	61.8	13.1	11.0	12.1	12.8	9.9	11.6
2	2.4	1.5	1.6	1.8	15.2	9.2	12.2	14.9	11.1	12.7
3	1.2	0.1	0.8	0.7	14.1	10.4	12.1	11.6	11.0	11.6
4	58.4	57.1	56.3	57.3	12.9	9.4	11.2	12.6	9.9	11.2
5	6.8	60.1	61.1	9.3	12.7	7.6	9.0	12.1	9.9	10.3
6	60.8	61.6	57.9	60.1	16.0	8.1	13.4	15.4	14.7	14.5
7	57.8	57.4	61.2	58.8	13.9	7.9	9.7	4.5	4.4	6.2
8	63.3	66.1	3.1	64.2	13.9	1.0	3.9	7.3	6.8	6.0
9	5.3	5.4	6.5	5.7	10.9	3.4	9.2	10.6	9.2	9.7
10	7.6	7.2	8.4	7.7	14.6	8.2	11.9	14.3	10.2	15.5
11	68.5	67.3	68.0	67.9	15.4	8.9	12.7	15.1	11.2	13.0
12	9.1	70.7	8.4	9.4	16.7	9.4	13.9	16.3	12.0	14.1
13	8.5	67.3	6.3	7.4	18.3	11.6	15.5	17.7	13.1	15.4
14	4.8	3.7	3.8	4.1	19.5	12.2	16.2	18.1	14.5	16.3
15	5.4	4.8	5.9	5.4	18.3	11.9	16.3	17.9	13.8	16.0
16	66.1	65.0	64.6	65.2	18.8	11.9	15.7	17.9	15.6	16.4
17	1.7	0.3	0.7	0.9	27.3	15.0	22.5	25.8	19.6	22.6
18	1.2	1.2	2.9	1.8	26.0	16.1	18.9	19.3	16.2	18.1
19	5.0	4.2	4.6	4.6	17.4	13.9	15.3	16.8	14.4	15.5
20	4.7	3.0	2.3	3.3	17.2	11.9	15.5	16.7	14.5	15.6
21	61.1	59.0	57.9	59.3	18.3	13.3	15.5	17.3	16.4	16.4
22	53.2	1.8	3.6	2.9	24.9	15.0	19.3	20.9	17.9	19.4
23	8.7	9.1	8.5	9.1	17.0	11.8	12.9	15.4	11.1	13.1
24	61.5	60.9	9.8	60.6	16.8	9.7	13.9	16.5	12.3	14.2
25	53.5	52.1	3.9	53.2	23.9	11.1	14.0	19.9	16.6	16.8
26	55.6	56.3	57.7	56.5	17.8	13.8	17.2	14.9	13.8	15.3
27	60.2	60.8	61.4	60.8	17.4	12.0	14.6	15.8	13.9	14.8
28	1.7	60.7	58.4	60.3	17.8	12.1	15.6	16.2	15.0	14.9
29	56.6	56.6	55.9	56.4	18.7	13.3	17.4	17.6	15.4	16.8
	61.85	61.46	61.47	61.60	17.40	10.72	13.99	15.59	12.91	14.28

Barometer, Range for month 725.1-770.7 m.m.
,, 50-yr. average for month 762.300 m.m.
Thermometer, Range for month 1°.0-27°.3 .C.
,, 50-yr. average for month 14.32 C.
Rain, total for month 124.73 m.m.
,, , 50-yr average for month 150.88 m.m.
,, , total Sept. 1st to end of month 473.70 m.m.
,, , 50-yr. average, Sept. 1st to end of month. 727.72 m.m

FEBRUARY 1932

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	11.2	11.4	9.4	9.3	9.2	8.5	9.0	88	83	94	88	0.0	15.75
2	9.8	11.9	9.5	7.6	8.7	7.9	8.1	72	69	81	74	8.0	3.61
3	11.0	10.4	9.3	9.1	8.8	7.8	8.6	87	87	80	85	2.5	23.23
4	10.2	11.0	9.3	8.6	8.9	8.4	8.6	87	81	93	87	0.5	24.69
5	7.1	8.1	9.3	6.5	6.1	8.4	7.0	76	59	93	76	4.5	14.85
6	10.7	12.4	12.2	8.1	9.1	9.1	8.8	70	69	74	71	3.5	4.11
7	8.8	3.4	1.1	8.0	5.3	3.6	5.6	90	85	57	77	0.3	12.19
8	1.3	4.4	4.2	3.9	4.9	5.0	4.6	64	65	67	65	5.0	
9	7.2	8.4	7.2	6.5	7.1	6.5	6.7	75	75	75	75	0.0	0.91
10	8.4	10.1	7.8	6.4	7.1	6.7	6.7	62	58	73	64	10.4	
11	8.2	9.9	7.7	6.0	6.7	6.1	6.3	55	52	68	57	10.0	
12	9.6	14.3	9.8	6.7	10.8	7.6	8.4	57	79	72	69	10.0	
13	10.4	12.6	10.2	7.0	8.2	7.7	7.6	53	54	69	59	10.2	
14	11.1	13.8	11.7	7.3	9.4	8.7	8.5	54	61	71	62	7.3	
15	10.3	14.6	12.9	6.5	10.4	10.5	9.1	48	68	90	69	9.7	
16	13.3	14.9	14.6	9.9	10.8	11.6	10.8	75	71	89	78	9.8	
17	13.9	16.6	13.9	7.7	9.3	8.8	8.6	38	38	51	42	10.0	
18	13.7	16.3	14.7	8.8	11.9	11.4	10.7	54	71	83	69	7.5	
19	12.7	13.3	12.1	9.3	9.3	9.2	9.3	72	66	76	71	6.5	
20	12.2	13.7	13.5	8.8	9.9	9.6	8.8	66	71	78	72	8.6	
21	13.7	14.7	15.4	10.6	10.9	12.3	11.3	81	74	89	81	6.0	
22	13.4	14.4	16.2	8.4	8.8	12.5	9.9	51	48	82	60	0.0	
23	9.7	11.1	9.9	7.3	7.6	8.4	7.8	66	59	87	71	3.0	3.30
24	10.4	13.6	10.3	7.6	8.6	8.2	8.1	64	62	78	68	7.9	
25	10.7	14.4	11.5	7.8	9.2	7.5	8.2	66	54	53	58	0.1	
26	12.2	14.2	12.9	7.9	11.5	10.5	10.0	55	93	89	79	0.5	21.13
27	13.1	12.9	12.2	10.2	9.4	9.6	9.7	82	71	81	78	7.0	0.96
28	11.0	12.9	13.1	8.4	9.2	10.0	9.2	72	68	79	73	1.0	
29	14.6	14.8	11.2	10.6	10.8	7.7	9.7	71	72	60	68	9.0	
	10.69	12.19	10.76	7.96	889	8.61	8.47	67.3	67.7	76.8	70.5	5.46	4.30

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

FEBRUARY 1932

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:3	14:30	20:30	Km.		
1	10ni	10stcu	8stcu	9.3	0	1sw	2sw	430.5	calm	
2	2cu	8stcu	8stcu	6.0	0	0	1w	259.1	light	
3	10stcu	10ni	10ni	10.0	0	0	2s	349.6	„	
4	10ni	10stcu	10ni	10.0	3w	2w	3w	1075.8	rough	gale th. & l.
5	9stcu	8stcu	8stcu	8.3	3w	2w	1w	212.6	„	
6	8stcu	6stcu	7stcu	7.0	0	1w	1w	553.5	stormy	
7	10ni	10ni	10ni	10.0	1w	1w	4sw	529.3	„	
8	10stcu	1st	8stcu	6.3	0	0	1w	290.7	slight	snow
9	10stcu	10stcu	8stcu	9.3	0	0	1se	434.7	light	
10	1cu	1cu	1cu	1.0	0	0	1se	199.0	mod.	
11	0	0	0	0.0	0	1w	1s	461.6	calm	
12	1ci	0	0	0.3	0	0	1s	368.0	light	
13	0	1ci	1ci	0.7	0	0	0	192.6	calm	
14	10stcu	8stcu	6stcu	8.0	0	0	1s	281.5	„	
15	0	0	0	0.0	0	1w	0	377.1	„	
16	0	0	0	0.0	0	0	0	76.0	„	dew a.m.
17	1ci	0	0	0.3	1e	0	1se	548.8	light	sirocco
18	2cicu	8stcu	8stcu	6.0	0	0	0	262.8	calm	
19	10stcu	10stcu	10stcu	10.0	0	0	0	201.3	light	
20	1cu	2st	2st	1.7	0	0	0	191.1	calm	
21	0	8stcu	8stcu	5.3	0	0	1sw	63.8	light	
22	10stcu	10stcu	10stcu	10.0	0	3sw	4sw	693.0	stormy	tr. rain
23	10stcu	5stcu	4stcu	6.3	2w	0	1sw	626.5	„	
24	0	8st	5stcu	4.3	0	0	1sw	317.6	calm	
25	10st	10st	10st	10.0	0	4sw	3sw	467.8	stormy	
26	10st	10ni	10ni	10.0	3sw	3sw	2sw	890.4	rough	
27	7stcu	6stcu	10stcu	7.7	1sw	0	1sw	375.4	stormy	
28	10stcu	10stcu	8stcu	9.3	0	0	0	156.4	calm	
29	1ci	0	1cu	0.7	0	0	0	135.1	light	
					14	19	34			
				5.44	0.5	0.7	1.2	380.06		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	1	0	0	2	4	0	22
14:30	0	0	0	0	0	4	6	0	19
20.30	0	0	0	3	4	9	5	0	8
Totals	0	0	1	3	4	15	15	0	49

Number of days with rain 11, fog 0, thunderstorms 1, gales 1

50-yr average number of days with rain during month 13.6